

**SECRET**

# PIR

PHOTOGRAPHIC INTERPRETATION REPORT



## GLASS LAMP MISSION G-922 5 NOVEMBER 1966

Declass Review By NIMA/DOD

NPIC/R-373/66  
NOVEMBER 1966

GROUP 1 EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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WARNING

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GL MISSION G-922, 5 NOV 66

R-373/66

PREFACE

THE FOLLOWING INFORMATION REPRESENTS A PRELIMINARY ANALYSIS OF AERIAL PHOTOGRAPHY FROM GLASS LAMP MISSION G-922, 5 NOV 66. THE NUMBER AT THE RIGHT MARGIN OF THE HEADER LINE IS THE COMOR TARGET NUMBER.

SYMBOLS USED TO INDICATE CONDITIONS WHICH AFFECT THE APPEARANCE OF THE TARGET ON PHOTOGRAPHY ARE AS FOLLOWS-- C (CLEAR), SC (SCATTERED CLOUD COVER), HC (HEAVY CLOUD COVER), H (HAZE), CS (CLOUD SHADOW), SD (SEMIDARKNESS), GC (GROUND COVER), CF (CAMOUFLAGE), O (OBLIQUITY), AND GR (GROUND RESOLUTION).

INTERPRETABILITY OF THE PHOTOGRAPHY IS CATEGORIZED AS G (GOOD), F (FAIR), OR P (POOR). THE EXTENT OF TARGET COVERAGE IS DENOTED BY THE SYMBOLS T (TOTAL) OR PT (PARTIAL). THE MODE OF COVERAGE IS SIGNIFIED BY ST (STEREO), NS (NONSTEREO), OR PS (PARTIAL STEREO).

AAA DEFENSES ARE DIVIDED INTO THREE BASIC CATEGORIES -- LIGHT (ZPU-2, ZPU-4, AND 37MM), MEDIUM (57MM AND 85MM), AND HEAVY (100MM AND LARGER). WHERE SUCH A CATEGORY CANNOT BE DETERMINED, THE SITE WILL BE LISTED AS AN AAA SITE AND THE NUMBER OF GUNS INDICATED (EXAMPLE 6-GUN AAA SITE, OCCUPIED/UNOCCUPIED).

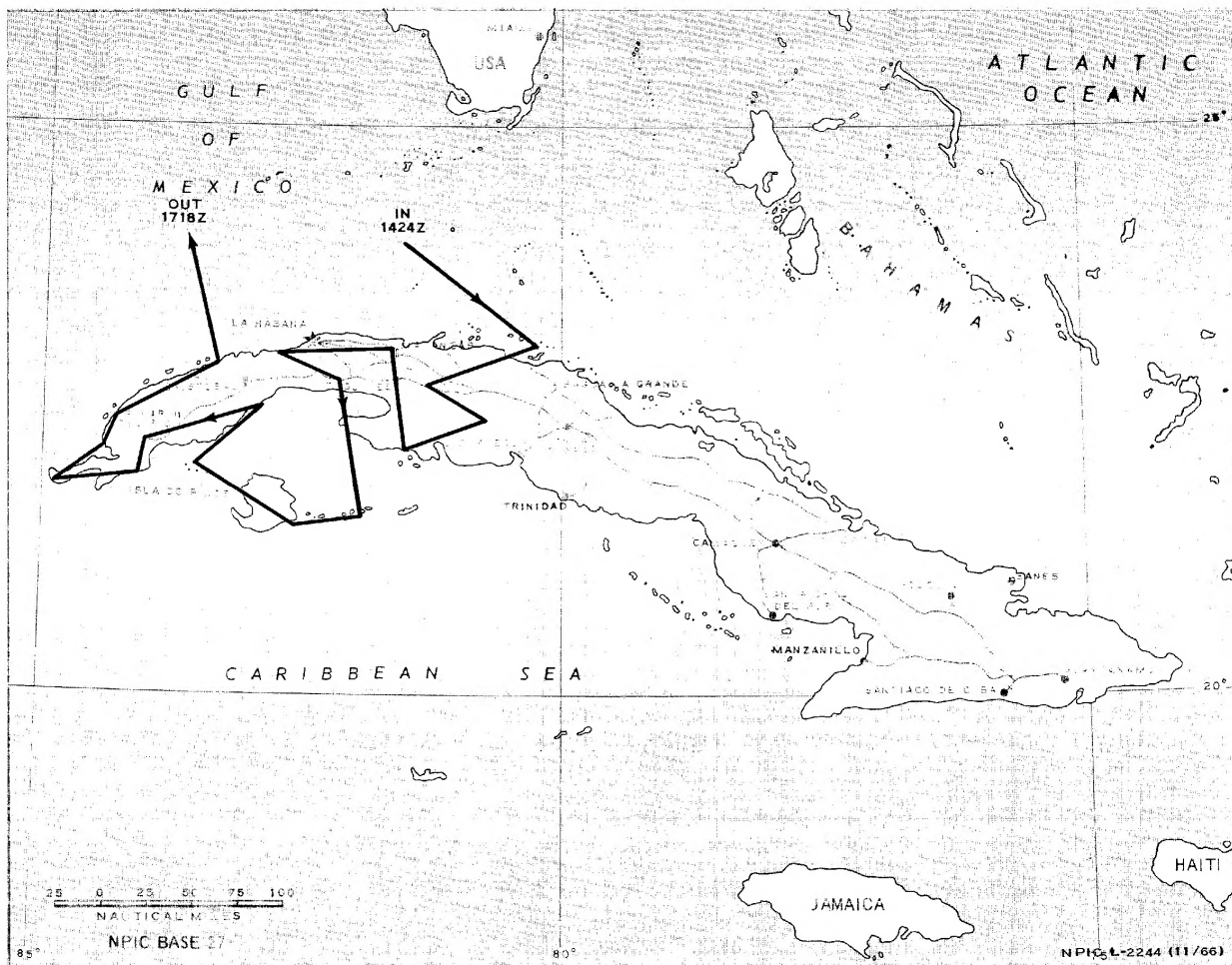
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25X1

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APPROXIMATE TRACK OF GLASS LAMP MISSION G-922, 5 NOVEMBER 1966.

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GL MISSION G-922, 5 NOV 66

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ITEMS OF SPECIAL INTEREST

MAJANA SAM SITE 2 (A27-A2) HAS BEEN FULLY REOCCUPIED AND APPEARS OPERATIONAL.

SIGUANEA CRUISE-MISSILE SITE HAS BEEN ABANDONED. ONLY 2 PROBABLE CRUISE-MISSILE CRATES REMAIN.

NEW CONSTRUCTION AND ADDITIONAL CRUISE-MISSILE-RELATED EQUIPMENT IS OBSERVED AT GUANABO CRUISE-MISSILE SITE.

MISSILES

25X1A

CAMPO FLORIDO SAM SITE A07-2

CU 2309N 08202W

OB -- AT LEAST 4 EMPLACED LAUNCHERS (1 WITH MISSILE), 8 MISSILE TRANSPORTERS (4 WITH EXPOSED MISSILES AND 3 CANVAS COVERED), 2 TRACKED PRIME MOVERS, AND 2 VAN TRAILERS.

ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.

PARTIAL COVERAGE LIMITS INTERPRETATION.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

GUANABACOA SAM SITE A14-2

CU 2305N 08216W

OB -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 15 MISSILE TRANSPORTERS (9 WITH EXPOSED MISSILES AND 5 CANVAS COVERED), A CENTRAL GUIDANCE RADAR WITH 6 ASSOCIATED VAN TRAILERS, AND 8 OTHER VEHICLES. NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

GUARA SAM SITE A29-2

CU 2248N 08213W

OB -- 6 EMPLACED LAUNCHERS, 7 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH ASSOCIATED CANVAS-COVERED EQUIPMENT, 3 TRACKED PRIME MOVERS, 1 PROBABLE ZIL 157-V TRUCK TRACTOR, AND 3 OTHER VEHICLES/PIECES OF EQUIPMENT.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

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LA CACHIMBA SAM SITE A12-2

CU 2245N 08227W

OB -- 6 EMPLACED LAUNCHERS (1 WITH MISSILE), 10 MISSILE TRANSPORTERS, A FAN SONG RADAR WITH 4 ASSOCIATED VAN TRAILERS AND OTHER COVERED EQUIPMENT, AND 9 OTHER VEHICLES.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE AND 2 OCCUPIED 3-GUN AAA SITES.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

LA SALUD SAM SITE A04-2

CU 2253N 08224W

SITE APPEARS OCCUPIED.

SCATTERED CLOUDS AND OBLIQUITY LIMIT INTERPRETATION.

25X1D

MAJANA SAM SITE 2 A27-A2

CU 2241N 08249W

OB -- 6 EMPLACED LAUNCHERS, 9 MISSILE TRANSPORTERS, AT LEAST 11 MISSILE CANISTERS, A FAN SONG RADAR WITH 6 ASSOCIATED VAN TRAILERS, 7 AT-S TRACKED PRIME MOVERS, 5 ZIL 157-V TRUCK TRACTORS, 9 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, AND 2 OTHER VEHICLES.

ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

MANAGUA SAM SITE A05-2

CU 2259N 08215W

OB -- 6 EMPLACED LAUNCHERS (2 WITH MISSILES), 11 MISSILE TRANSPORTERS (2 WITH EXPOSED MISSILES AND 9 CANVAS COVERED), A CENTRAL GUIDANCE RADAR WITH 6 ASSOCIATED VAN TRAILERS AND 2 ADDITIONAL VAN TRAILERS, AND 18 OTHER VEHICLES.

ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.

NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

GL MISSION G-922, 5 NOV 66

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MARIEL SAM SITE 2 A30-2

CU 2300N 08248W

OB -- 6 EMPLACED LAUNCHERS (2 WITH MISSILES), 9 MISSILE TRANSPORTERS (ALL WITH EXPOSED MISSILES), A GUIDANCE RADAR WITH ASSOCIATED EQUIPMENT, AND AT LEAST 10 OTHER VEHICLES.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

PUNTA BRAVA SAM SITE A30-2

CU 2301N 08231W

OB -- AT LEAST 3 EMPLACED LAUNCHERS (2 WITH MISSILES), 5 MISSILE TRANSPORTERS (3 WITH EXPOSED MISSILES), AND 9 OTHER VEHICLES OBSERVED IN CLOUD-FREE AREAS.

25X1D

SANTIAGO DE LAS VEGAS SAM ASSEMBLY AREA

CU 2257N 08221W

OB -- 8 PROBABLE MISSILE TRANSPORTERS, NUMEROUS MISSILE CANISTERS, 2 PROBABLE LOWBOY TRACTOR-TRAILER TRUCKS, AND AT LEAST 20 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

SANTA FE SAM SITE

CU 2147N 08250W

PERMANENT SITE REMAINS UNDER CONSTRUCTION.  
OB (AT ADJACENT TEMPORARY SITE) -- 6 EMPLACED LAUNCHERS (3 WITH MISSILES), 19 MISSILE TRANSPORTERS (14 CANVAS COVERED, 3 WITH EXPOSED MISSILES), A FAN SONG RADAR WITH 7 ASSOCIATED VAN TRAILERS, A PROBABLE TRUCK-MOUNTED SPOON REST RADAR WITH AN ASSOCIATED VAN TRAILER, 13 AT-S TRACKED PRIME MOVERS, 3 TRUCK TRACTORS, 7 CARGO TRUCKS, 1 TRUCK-MOUNTED CRANE, AND 2 OTHER VEHICLES.  
ACTIVITY -- 1 OCCUPIED 6-GUN LIGHT AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

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SIGUANEA CRUISE-MISSILE SITE

CU 2137N 08258W

SITE HAS BEEN ABANDONED. ONLY 2 PROBABLE  
CRUISE-MISSILE CRATES REMAIN.

25X1D

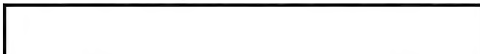


SANTA CRUZ DEL NORTE CRUISE-MISSILE SITE CU 2309N 08156W

OB -- 2 EMPLACED LAUNCHERS, AT LEAST 3 CRUISE-MISSILE  
TRANSPORTERS, 12 CRUISE-MISSILE CRATES, A PROBABLE  
SHEET BEND RADAR, 5 VAN TRUCKS/VAN TRAILERS, AND 6  
OTHER VEHICLES.

ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN LAUNCH AND SUPPORT FACILITIES.

25X1D

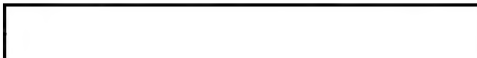


GUANABO CRUISE-MISSILE SITE

CU 2309N 08203W

OB -- 2 EMPLACED LAUNCHERS, AND AN OCCUPIED GUIDANCE  
AREA.  
NEW CONSTRUCTION AND ADDITIONAL CRUISE-MISSILE-RELATED  
EQUIPMENT OBSERVED 0.8 NM SSE AT 23-09-28N 082-03-30W  
(UTM 17QLR917612). AREA CONTAINS 2 LAUNCH REVETMENTS  
IN LATE STAGE OF CONSTRUCTION, 14 LARGE NON-SOVIET  
TENTS, 2 CRUISE-MISSILE LAUNCHERS (NOT EMPLACED), 8  
CRUISE-MISSILE TRANSPORTERS, 1 TRUCK-MOUNTED CRANE, 22  
OTHER VEHICLES, AND 3 VAN TRAILERS.  
(MAP REFERENCE -- AMS SERIES E723, SHEET 3785-II, 4TH  
ED.)

25X1D



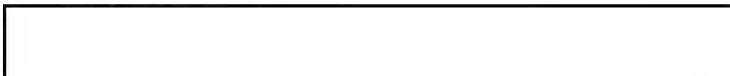
AIR FACILITIES

SIGUANEA AIRFIELD

CU 2138N 08257W

OB -- NONE.

25X1D



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SAN ANTONIO DE LOS BANOS AIRFIELD

CU 2252N 08230W

OB -- 21 FISHBED, 5 FARMER, AND 9 FAGOT/FRESCO.  
ACTIVITY -- 1 PROBABLE MIG 21 SHIPPING CRATE OBSERVED  
ADJACENT TO TAXIWAY SYSTEM IN NORTHEAST SECTION.  
PRESENCE OF OTHER PREVIOUSLY REPORTED SHIPPING CRATE  
UNDETERMINED BECAUSE OF HAZE.

25X1D

SAN JULIAN AIRFIELD

CU 2205N 08409W

OB -- 1 COLT, 17 PROBABLE ZLIN TRENER, AND 5 PROBABLE  
LIAISON.

25X1D

JOSE MARTI INTERNATIONAL AIRFIELD

CU 2259N 08224W

OB (OPERATIONS AREA) -- 1 CLEAT, 2 BRITANNIA, 1 COOT, 1  
CUB, 5 COKE, 7 CRATE, 2 C-46, 2 C-47, AND 4 LIAISON.  
OB (MAINTENANCE AREA) -- 7 CRATE AND 3 MORAVA L-200.

25X1D

CAMPO LIBERTAD AIRFIELD

CU 2305N 08226W

OB -- 1 FAGOT/FRESCO, 1 COLT, 2 LIAISON AND 32 HOUND (8  
WITHOUT ROTORS) OBSERVED IN CLOUD-FREE AREAS.

25X1D

COLONEL MARTIN MARRERRO AIRFIELD

CU 2150N 08246W

OB -- 1 CRATE, 1 COLT, AND 1 LIAISON.

25X1D

JAIME GONZALES AIRFIELD

CU 2209N 08024W

OB -- 1 COOT WITHOUT OUTER WING PANELS.

25X1D

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NAVAL ACTIVITY/PORTS

25X1A

MARIEL NAVAL BASE AND NAVAL AIR STATION CU 2259N 08244W

OB -- 3 PROBABLE S.O.1-CLASS SC.

25X1D

SIGUANEA NAVAL BASE

CU 2136N 08258W

OB -- 1 YP.

25X1D

CIENFUEGOS NAVAL BASE

CU 2208N 08027W

OB -- NONE OBSERVED.

OTHER VESSELS -- 1 LARGE TANKER.

HAZE AND OBLIQUITY LIMIT INTERPRETATION.

25X1D

NUEVA GERONA PORT

CU 2153N 08248W

VESSELS -- 1 LARGE FREIGHTER (WITH LIGHTER ALONGSIDE)  
OBSERVED OFFSHORE.

25X1D

LA HABANA PORT FACILITIES

CU 2307N 08220W

VESSELS -- 5 LARGE FREIGHTERS, 2 COASTAL FREIGHTERS, 3  
FISH-FACTORY TRAWLERS, AND 7 OTHER TRAWLERS OBSERVED IN  
CLOUD-FREE AREAS.

25X1D

ELECTRONICS/COMMUNICATIONS

SANTA FE EW/GCI RADAR SITE

CU 2139N 08245W

OB -- NONE OBSERVED.

ACTIVITY -- 7 VAN TRUCKS AND 3 OTHER VEHICLES/PIECES OF

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EQUIPMENT.  
NO APPARENT CHANGE IN FACILITIES.

25X1D



MILITARY ACTIVITY

25X1A

ARTEMISA MILITARY CAMP

CU 2250N 08248W

OB -- 15 TANKS/SP GUNS AND 13 CARGO TRUCKS.  
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

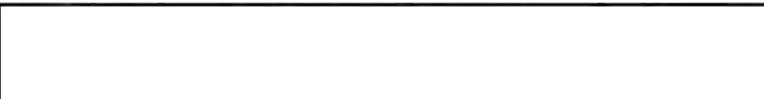


RANCHO BOYEROS MIL TRAINING AREA A CAMP

CU 2300N 08218W

OB -- 7 PROBABLE FA PIECES, AT LEAST 103 PROBABLE CARGO TRUCKS, 27 OTHER VEHICLES, AND AT LEAST 12 OTHER VEHICLES/PIECES OF EQUIPMENT OBSERVED IN CLOUD-FREE AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

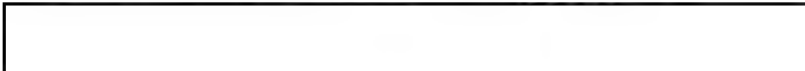


LA HABANA BARRACKS COJIMAR

CU 2309N 08215W

OB -- 38 TRACKED PRIME MOVERS, 184 CARGO TRUCKS, AND 25 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1D



SANTIAGO DE LAS VEGAS MILITARY CAMP

CU 2258N 08220W

OB -- AT LEAST 150 VEHICLES OBSERVED.  
OBLIQUITY LIMITS INTERPRETATION.  
NO APPARENT CHANGE IN FACILITIES.

25X1D



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25X1A

SANTIAGO DE LAS VEGAS MIL CAMP SOUTH CU 2257N 08223W

OB -- NONE OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

BAJURAYABO MILITARY CAMP CU 2308N 08210W

OB -- 18 FA PIECES AND 29 CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

CAMPO FLORIDO MILITARY CAMP EAST CU 2307N 08206W

OB -- 2 TANKS/SP GUNS, 30 CARGO TRUCKS, 2 VAN TRUCKS,  
AND 3 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

CAMPO FLORIDO MILITARY CAMP WSW CU 2306N 08211W

OB -- 35 FA PIECES AND 77 CARGO TRUCKS.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

CAYO LARGO MILITARY AREA CU 2137N 08133W

OB -- 6 TANKS/SP GUNS, 2 CARGO TRUCKS, AND 1 UTILITY  
TRUCK.  
ACTIVITY -- 1 CRATE OBSERVED AT AIRFIELD.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

GUANABACOA MILITARY AREA CU 2307N 08215W

OB -- 41 CARGO TRUCKS AND 4 OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

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25X1D



25X1A

25X1B



MANAGUA MILITARY CAMP

CU 2258N 08217W

OB -- AT LEAST 70 VEHICLES OBSERVED IN CLOUD-FREE  
AREAS.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

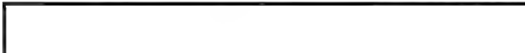


MINAS MILITARY CAMP JESUS MARIA FINCA

CU 2306N 08211W

OB -- 3 AAA PIECES, 1 MORTAR, 12 CARGO TRUCKS, 2 VAN  
TRUCKS, 3 UTILITY TRUCKS, 6 OTHER VEHICLES, AND 6 VAN  
TRAILERS.  
NO APPARENT CHANGE IN FACILITIES.

25X1D



NAZARENO MILITARY CAMP

CU 2257N 08213W

OB -- AT LEAST 56 VEHICLES OBSERVED.  
SCATTERED CLOUDS AND OBLIQUITY LIMIT INTERPRETATION.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

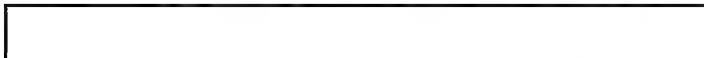


SANTA FE MILITARY CAMP LA CLARITA

CU 2144N 08247W

OB (MAIN CAMP) -- NONE OBSERVED.  
OB (CAMP 1.5 NM NNW) -- 3 PROBABLE AAA PIECES AND 13  
CARGO TRUCKS.  
OB (CAMP 4.8 NM NW) -- 6 MORTARS AND 32 CARGO TRUCKS.  
ACTIVITY -- 2 OCCUPIED 6-GUN AAA SITES.  
NO APPARENT CHANGE IN FACILITIES.

25X1D



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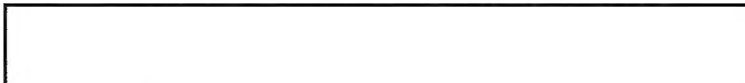
25X1A

SANTA FE MILITARY CAMP LUMUMBA

CU 2142N 08249W

OB -- NONE OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

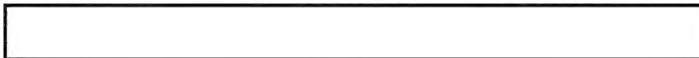


SANTA FE MILITARY CAMP EAST

CU 2144N 08244W

OB -- 11 FA PIECES, 20 CARGO TRUCKS, AND 16 OTHER  
VEHICLES/PIECES OF EQUIPMENT.  
ACTIVITY -- 1 OCCUPIED 6-GUN AAA SITE.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

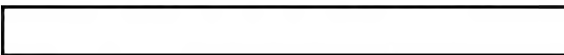


SANTA MARIA DEL ROSARIO VEHICLE PARK

CU 2303N 08215W

OB -- NONE OBSERVED.  
NO APPARENT CHANGE IN FACILITIES.

25X1D

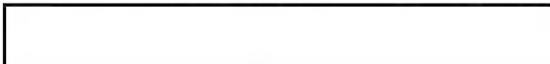


CHORRERA DE MANAGUA MILITARY CAMP W

CU 2302N 08219W

OB -- 32 PROBABLE BTR 60-P, 10 CARGO TRUCKS, AND 14  
OTHER VEHICLES.  
NO APPARENT CHANGE IN FACILITIES.

25X1D



SIGUANEA MILITARY ACTIVITY

CU 2137N 08257W

OB -- 9 PROBABLE FA PIECES AND 9 PROBABLE CARGO TRUCKS.  
NO APPARENT CHANGE IN FACILITIES.

25X1D



CIENFUEGOS LANDING BEACH

CU 2202N 08036W

NO NEW MILITARY ACTIVITY OBSERVED.

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25X1A

PLAYA COLOMBO LANDING BEACH

CU 2154N 08246W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D

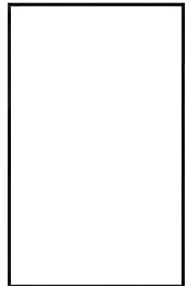


PLAYA DE FLAMENCOS LANDING BEACH

CU 2153N 08243W

NO NEW MILITARY ACTIVITY OBSERVED.

25X1D



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-STATUS OF OTHER TARGETS-

THE FOLLOWING TARGETS SHOW NO APPARENT CHANGE SINCE LAST COVERAGE--

<div data-bbox="185 470 360 558"></div>	SANTA CRUZ DEL NORTE RADAR SITE	2308N 08155W
	TARARA LANDING BEACH	2310N 08211W

THE FOLLOWING TARGETS COULD BE IDENTIFIED BUT NOT INTERPRETED--

<div data-bbox="185 625 360 987"></div>	SAN JOSE DE LAS LAJAS CRUISE-MSL STORAGE	2255N 08210W
	PLAYA BARACOA AIRFIELD	2302N 08234W
	CABANAS NAVAL BASE	2258N 08258W
	SURGIDERO DE BATABANO PORT	2241N 08217W
	BEJUCAL INTL BROADCASTING FACILITY	2253N 08220W
	TORRENS MILITARY COMPLEX	2259N 08227W
	GUANAJAY MILITARY CAMP MARTIN MESA	2257N 08243W
	LA FLORA MILITARY CAMP	2252N 08233W
	CIENFUEGOS MILITARY ACTIVITY	2209N 08027W
ALQUIZAR MILITARY ACTIVITY	2251N 08234W	
PENINSULA DE HICACOS LANDING BEACH	2311N 08130W	

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